

## MODULAR PROTEIN LIBRARIES AND METHODS OF PREPARATION

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ABSTRACT OF THE DISCLOSURE

Novel proteins and libraries comprising them are disclosed. The proteins comprise one or more functional protein modules from different parent protein molecules. The proteins and libraries are exemplified by the preparation of cross-over chemokines comprising various combinations of peptide segments derived from RANTES, SDF-1 and vMIP-I and vMIP-II. The proteins and libraries are extremely pure and can be provided in non-limiting high yields suitable for diagnostic and high-throughput screening assays.